AMENDMENTS TO THE CLAIMS

This listing of claims includes a complete listing of both allowed claims and amended claims and will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A system for communicating over a protocol, comprising:
a content associated with a Uniform Resource Identifier (URI) to be exposed; ~~and~~
a class factory comprising a plurality of identifiers and associated registered listener object creators, at least one of the listener object creators adapted to create at least one listener object that facilitates exposure of the URI;

<u>a reading component that reads a first data from an accessing application, the first data having at least one of, a format specific to the protocol and one or more headers and/or footers specific to the protocol, when the first data is read from the accessing application, the first data requesting access to a second data;</u>

<u>an exposing component that exposes the second data, the second data being associated with a URI; and</u>

<u>a writing component that writes a third data to the accessing application, the third data having at least one of, a format specific to the protocol and one or more headers and/or footers specific to the protocol, when the third data is written to the accessing application, the third data being derived, at least in part, from the second data.</u>

2.   (Cancelled)

3.   (Original) The system of claim 1, comprising:
an exposing component that exposes a resource to access by one or more accessing applications.

4.   (Original) The system of claim 3, wherein the resource is at least one of, a service, an application and a content source, and the resource is accessible over a network.

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5.   (Original) The system of claim 4, wherein the protocol is at least one of a
Hypertext Transfer Protocol (HTTP), a File Transfer Protocol (FTP) and a Simple Mail
Transport Protocol (SMTP).

6.   (Original) The system of claim 5, wherein the plurality of identifiers comprise
one or more URIs.

7.   (Original) The system of claim 5, wherein the plurality of identifiers comprise
one or more prefixes associated with one or more URIs.

8.   (Original) The system of claim 1, wherein at least one of the listener object
creators instantiates at least one listener object, with at least one of the listener object
creators being software in execution.

9.   (Original) The system of claim 8, wherein the at least one of the listener object
creators registers one or more implemented creating methods with the class factory, the
creating methods being defined in an abstract base class and implemented by the at least
one listener object.

10.   (Original) The system of claim 9, wherein the at least one listener object inherits
from one or more abstract base classes.

11.   (Currently Amended) The system of claim 1 2, wherein the at least one listener
object is adapted to listen for the first data from the accessing application.

12.   (Original) The system of claim 11, wherein the at least one listener object makes
the first data received from the accessing application available as a byte stream to a
server program.

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13.   (Original) The system of claim 12, wherein the at least one listener object removes at least one of a format specific to the protocol and one or more headers and/or footers specific to the protocol from the first data.

14.   (Original) The system of claim 13, further comprising:
        one or more protocol objects adapted to write the third data to the accessing application.

15.   (Original) The system of claim 14, wherein the at least one protocol object accepts a byte stream to write as the third data to the accessing application.

16.   (Original) The system of claim 15, wherein the at least one protocol object adds at least one of a format specific to the protocol and one or more headers and/or footers specific to the protocol to the third data.

17.   (Original) The system of claim 1, comprising:
        an adding component adapted to add one or more identifiers to a list of registered identifiers, and further adapted to add one or more listener object creating methods to a list of registered listener object creating methods.

18.   (Original) The system of claim 1, wherein the at least one listener object and one or more answering objects reside on a single server machine, the at least one listener object and the one or more answering objects operable to expose one or more applications, services and/or content sources to one or more accessing applications.

19-32. (Cancelled)

33.   (New) A method for communication over a protocol, comprising:
        utilizing a component to read a first data from an accessing application, the first data having a format specific to a protocol;

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requesting access to a second data when the first data is read from the accessing application, the second data associated with a Universal Resource Identifier (URI);

exposing the second data;

deriving a third data, at least in part, from the second data, the third data having a format specific to a protocol; and

writing the third data to the accessing application.

34.   (New) The method of claim 33, associating content with a URI.

35.   (New) The method of claim 33, utilizing a class factory comprising one or more identifiers and associated registered listener object creators.

36.   (New) The method of claim 35, adapting at least one of the listener object creators to create at least one listener object.

37.   (New) The method of claim 33, facilitating exposure of the URI through at least one listener object.

38.   (New) The method of claim 33, the first data having one or more headers and/or footers specific to the protocol.

39.   (New) The method of claim 33, the third data having one or more headers and/or footers specific to the protocol.

40.   (New) The method of claim 33, exposing a resource to access by one or more accessing applications, the resource is at least one of, a service, an application and a content source.

41.   (New) The method of claim 40, accessing the resource over a network.

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42.   (New) The method of claim 33, the protocol is at least one of a Hypertext Transfer Protocol (HTTP), a File Transfer Protocol (FTP) and a Simple Mail Transfer Protocol (SMTP).

43.   (New) The method of claim 33, a plurality of identifiers comprise one or more URIs.

44.   (New) The method of claim 33, associating one or more identifiers with one or more URIs.

45.   (New) The method of claim 44, the one or more identifiers comprise one or more prefixes.

46.   (New) A system for communicating over a protocol, comprising:
          a first component comprising one or more identifiers and object creators, one or more of the object creators instantiating on a single server machine at least one listener object and at least one answering object, the at least one listener object and the at least one answering object exposing resources to one or more accessing applications.

47.   (New) The system of claim 46, the resources linked to one or more Universal Resource Identifier (URI).

48.   (New) The system of claim 46, the resources comprising a plurality of applications, services and/or content.

49.   (New) The system of claim 46, at least one listener object utilizing a network to expose resources.

50.   (New) The system of claim 46, at least one answering object employing a network to expose resources.

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51.   (New) The system of claim 46, at least one listener object and at least one answering object inherits from one or more abstract base classes.

52.   (New) The system of claim 46, at least one listener object listens for a first data from an accessing application.

53.   (New) The system of claim 46, at least one listener object makes a first data received from an accessing application available as a byte stream to a server program.

54.   (New) The system of claim 46, at least one answering object employs a data stream to communicate with an accessing application.

55.   (New) The system of claim 46, further comprising a second component to read a first data from an accessing application, the first data comprising at least one protocol specific format and at least one protocol specific header and/or footer.

56.   (New) The system of claim 55, the first data from the accessing application requesting access to a second data.

57.   (New) The system of claim 56, the second data comprising resources associated with a Universal Resource Identifier (URI).

58.   (New) The system of claim 46, further comprising a third component to write a third data to an accessing application.

59.   (New) The system of claim 58, the third data comprising at least one protocol specific format and at least one protocol specific header and/or footer.

60.   (New) The system of claim 46, the protocol is at least one of a Hypertext Transfer Protocol (HTTP), a File Transfer Protocol (FTP) and a Simple Mail Transport Protocol (SMTP).

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61.   (New) A system for communicating over a protocol, comprising:

   means for reading a first data from an accessing program, the first data conforming to a format specific protocol;

   means for accessing a second data when the first data is read, the second data linked to one or more Universal Resource Identifier (URI);

   means for deriving a third data, at least in part, from the second data, the third data complying with the format specific protocol; and

   means for writing the third data to the accessing application.

62.   (New) A system for communication over a protocol, comprising:

   means for instantiating at least one or more receiving objects and at least one or more responding objects on a server machine; and

   means for exposing resources associated with at least one Universal Resource Identifier (URI) via the at least one or more receiving objects and the at least one or more responding objects to at least one accessing application.